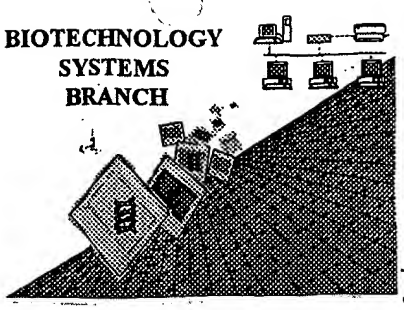
1627

RECEIVED
OCT 19 2001
TECH CENTER 1600/2900



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

#12

Application Serial Number: 09/529,962A

Source: 1600

Date Processed by STIC: 10/3/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:
http://www.uspto.gov/web/offices/pac/checker

1600

RAW SEQUENCE LISTING DATE: 10/03/2001
PATENT APPLICATION: US/09/529,962A TIME: 09:00:12

Input Set : A:\06501-058001.txt
Output Set: N:\CRF3\10032001\I529962A.raw

Does Not Comply
Corrected Diskette Needed

```
 4 <110> APPLICANT: Ota, Toshio
 5       Nishikawa, Tetsuo
 6       Salamov, Asaf
 7       Isogai, Takao
 9 <120> TITLE OF INVENTION: METHOD FOR SCREENING FULL-LENGTH cDNA
10       CLONES
12 <130> FILE REFERENCE: 06501-058001
14 <140> CURRENT APPLICATION NUMBER: 09/529,962A
15 <141> CURRENT FILING DATE: 2000-04-20
17 <150> PRIOR APPLICATION NUMBER: JP 9/289982
18 <151> PRIOR FILING DATE: 1997-10-22
20 <150> PRIOR APPLICATION NUMBER: PCT/JP98/04772
21 <151> PRIOR FILING DATE: 1998-10-21
23 <160> NUMBER OF SEQ ID NOS: 18
25 <170> SOFTWARE: FastSEQ for Windows Version 4.0
```

ERRORED SEQUENCES

```
189 <210> SEQ ID NO: 9
190 <211> LENGTH: 608   869 shown
191 <212> TYPE: DNA
192 <213> ORGANISM: Homo sapiens
194 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
196 <222> LOCATION: (1)..(608)   (869)
197 <223> OTHER INFORMATION: n = A,T,C or G
199 <400> SEQUENCE: 9
200 atattaaact agtgaagcaa ctaagagaaa atgttaagtc tgctattgat cttgaagaga      60
201 tggcatctgg tcttaacaaa agaaaaatga ttcagcatgc tgtatttaaa gaacttgtga     120
202 agcttgtaga ccctggagtt aaggcatgga cacccactaa aggaaaacaa aatgtgatta     180
203 tgtttgttgg attgcaaggg agtggtaaaa caacaacatg ttcaaagcta gcatattatt     240
204 accagaggaa aggttggaag acctgtttaa tatgtgcaga cacattcaga gcaggggctt     300
205 ttgaccaact aaaacagaat gctaccaaag caagaattcc attttatgga agctatacag     360
206 aaatggatcc tgtcatcatt gcttctgaag gagtagagaa atttaaaaat gaaaattttg     420
207 aaattattat tgttgataca agtggccgcc acaaacaaga agactctttg tttgaagaaa     480
208 tgcttcaagt tgctaatgct atacaacctg ataacattgt ttatgtgatg gatgcctcca     540
209 ttgggcaggc ttgtgaagcc caggctaagg cttttaaaga taaagtagat gtacctcagt     600
W--> 210 aatagtgaca aaacttgatg gccatgcaaa angaagtggt gcactcagtg cagtcgctgc     660
W--> 211 cacaaaaaat ccgattattt tcattggtac agggggaaca tatanatgac tttgaacctt     720
W--> 212 tcaaaaacac agccttttat taacaaactt cttggtatng gcgacattga aaggactgat     780
W--> 213 aaataaagtc cacnaattga aatttggatg acnatgnaaa cccttattga aaaaattgaa     840
E--> 214 acatngtcca gttttacttt gcgaaacnt                                     869
```

FYI →

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY DATE: 10/03/2001
PATENT APPLICATION: US/09/529,962A TIME: 09:00:13

Input Set : A:\06501-058001.txt
Output Set: N:\CRF3\10032001\I529962A.raw

L:62 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:83 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:84 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:87 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:102 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:137 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:181 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:182 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:210 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:211 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:214 M:252 E: No. of Seq. differs, <211>LENGTH:Input:608 Found:869 SEQ:9
L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:240 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:261 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:307 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13

VERIFICATION SUMMARY DATE: 10/03/2001
PATENT APPLICATION: US/09/529,962A TIME: 09:00:13

Input Set : A:\06501-058001.txt
Output Set: N:\CRF3\10032001\I529962A.raw

L:323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14
L:327 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14